

In the Claims:

Please cancel claims 2-3, 8, 12-13, 18, 22-23, and 28. Please amend claims 1, 11, and 21.

The claims are as follows:

1. (Currently amended) A method for generating an information catalog relating to a business model, comprising the steps of:

accessing technical metadata from a data warehouse, said technical metadata being associated with data used by computer applications, said computer applications supporting business processes of the business model;

accessing business metadata from a first source outside of the data warehouse, said business metadata comprising relationships between the business processes and the computer applications, said business metadata further comprising relationships between the computer applications and the technical metadata;

accessing presentation metadata from a second source outside of the data warehouse, said second source being independent of the first source, said presentation metadata specifying a presentation format of the technical metadata and business metadata, wherein the second source comprises at least one eXtensible Stylesheet Language (XSL) stylesheet comprising the presentation metadata;

applying the presentation metadata to the technical metadata and the business metadata to generate the information catalog, said information catalog comprising the technical metadata and the business metadata in accordance with the presentation format specified by the presentation metadata; and

displaying, on an output device for an end user, a graphical interface representing the generated information catalog,

wherein the method further comprises generating a rules base of rules as templates derived from the presentation metadata in the at least one XSL stylesheet;

wherein prior to the applying step the method further comprises parsing the technical metadata and the business metadata and to form a source tree such that the source tree comprises the parsed business metadata and parsed technical metadata logically linked to each other;

wherein the applying step comprises both applying the templates of the rules base and traversing the source tree to form a result tree that includes the logically linked technical metadata and business metadata integrated with the presentation metadata;

wherein the method further comprises transforming the result tree into the information catalog such that the information catalog comprises files formatted in accordance with the presentation metadata;

wherein traversing the source tree comprises traversing the entire source tree in accordance with a recursive descent algorithm in which said traversing comprises starting at the root node of the source tree and traversing through the source tree until a leaf node is reached and then returning through the source tree to the root node;

wherein said traversing the source tree comprises ascertaining whether there is a rule in the rules base for each element in the source tree;

wherein each element having exactly one rule in the rules base, as determined from said ascertaining, is written out in accordance with said exactly one rule during said displaying;

wherein each element having no rule in the rules base, as determined from said

ascertaining, is written out as text during said displaying; and
wherein for each element having more than one rule in the rules base, as determined from
said ascertaining, one or more of said more than one rule is applied to said each element in
accordance with a rule hierarchical scheme for determining how said each element is displayed
during said displaying.

2-3. (Canceled)

4. (Previously presented) The method of claim 1, wherein the graphical interface includes a package list frame, an object list frame driven by the package list frame, and a detail frame driven by the object list frame, wherein the package list frame includes selectable applications of said computer applications and selectable associated table creators of tables relating to the technical data, wherein the object list frame is adapted to include selectable tables driven by a computer application and associated table creator selected from the package list frame, and wherein the detail frame is adapted to include table information relating to a table selected from the object list frame.

5. (Original) The method of claim 1, wherein the information catalog comprises result files selected from the group consisting of Hypertext Markup Language (HTML) files, PDF files, ZIP files, and combinations thereof.

6. (Original) The method of claim 1, wherein the first source comprises at least one eXtensible

Markup Language (XML) file comprising the business metadata.

7. (Original) The method of claim 6, wherein the XML file includes well-formed HTML code.

8. (Canceled)

9. (Original) The method of claim 1, wherein the data warehouse is a relational database management system, and wherein the technical data is stored in tables of the relational database management system.

10. (Previously presented) The method of claim 1, said method further comprising accessing additional technical data from the first source; and wherein said applying step comprises applying the presentation metadata to the technical metadata, the business metadata, and the additional technical metadata to generate the information catalog.

11. (Currently amended) A computer system comprising a processor and a computer readable memory unit coupled to the processor, said memory unit including an information catalog compiler that when executed by the processor implements a method for generating an information catalog relating to a business model, said method comprising the computer implemented steps of:

accessing technical metadata from a data warehouse, said technical metadata being associated with data used by computer applications, said computer applications supporting business processes of the business model;

accessing business metadata from a first source outside of the data warehouse, said business metadata comprising relationships between the business processes and the computer applications, said business metadata further comprising relationships between the computer applications and the technical metadata;

accessing presentation metadata from a second source outside of the data warehouse, said second source being independent of the first source, said presentation metadata specifying a presentation format of the technical metadata and business metadata, wherein the second source comprises at least one eXtensible Stylesheet Language (XSL) stylesheet comprising the presentation metadata;

applying the presentation metadata to the technical metadata and the business metadata to generate the information catalog, said information catalog comprising the technical metadata and the business metadata in accordance with the presentation format specified by the presentation metadata; and

displaying, on an output device for an end user, a graphical interface representing the

generated information catalog.

wherein the method further comprises generating a rules base of rules as templates derived from the presentation metadata in the at least one XSL stylesheet;

wherein prior to the applying step the method further comprises parsing the technical metadata and the business metadata and to form a source tree such that the source tree comprises the parsed business metadata and parsed technical metadata logically linked to each other;

wherein the applying step comprises both applying the templates of the rules base and traversing the source tree to form a result tree that includes the logically linked technical metadata and business metadata integrated with the presentation metadata;

wherein the method further comprises transforming the result tree into the information catalog such that the information catalog comprises files formatted in accordance with the presentation metadata;

wherein traversing the source tree comprises traversing the entire source tree in accordance with a recursive descent algorithm in which said traversing comprises starting at the root node of the source tree and traversing through the source tree until a leaf node is reached and then returning through the source tree to the root node;

wherein said traversing the source tree comprises ascertaining whether there is a rule in the rules base for each element in the source tree;

wherein each element having exactly one rule in the rules base, as determined from said ascertaining, is written out in accordance with said exactly one rule during said displaying;

wherein each element having no rule in the rules base, as determined from said ascertaining, is written out as text during said displaying; and

wherein for each element having more than one rule in the rules base, as determined from said ascertaining, one or more of said more than one rule is applied to said each element in accordance with a rule hierarchical scheme for determining how said each element is displayed during said displaying.

12-13. (Canceled)

14. (Previously presented) The computer system of claim 11 wherein the graphical interface includes a package list frame, an object list frame driven by the package list frame, and a detail frame driven by the object list frame, wherein the package list frame includes selectable applications of said computer applications and selectable associated table creators of tables relating to the technical data, wherein the object list frame is adapted to include selectable tables driven by a computer application and associated table creator selected from the package list frame, and wherein the detail frame is adapted to include table information relating to a table selected from the object list frame.

15. (Original) The computer system of claim 11, wherein the information catalog comprises result files selected from the group consisting of Hypertext Markup Language (HTML) files, PDF files, ZIP files, and combinations thereof.

16. (Original) The computer system of claim 11, wherein the first source comprises at least one eXtensible Markup Language (XML) file comprising the business metadata.

17. (Original) The computer system of claim 16, wherein the XML file includes well-formed HTML code.

18. (Canceled)

19. (Original) The computer system of claim 11, wherein the data warehouse is a relational database management system, and wherein the technical data is stored in tables of the relational database management system.

20. (Previously presented) The computer system of claim 11, said method further comprising accessing additional technical data from the first source; and wherein said applying step comprises applying the presentation metadata to the technical metadata, the business metadata, and the additional technical metadata to generate the information catalog.

21. (Currently amended) A computer program product, comprising a computer usable medium having a computer readable program code embodied therein, said computer readable program code comprising an algorithm adapted to implement a method for generating an information catalog relating to a business model, said method comprising the steps of:

accessing technical metadata from a data warehouse, said technical metadata being associated with data used by computer applications, said computer applications supporting business processes of the business model;

accessing business metadata from a first source outside of the data warehouse, said business metadata comprising relationships between the business processes and the computer applications, said business metadata further comprising relationships between the computer applications and the technical metadata;

accessing presentation metadata from a second source outside of the data warehouse, said second source being independent of the first source, said presentation metadata specifying a presentation format of the technical metadata and business metadata, wherein the second source comprises at least one eXtensible Stylesheet Language (XSL) stylesheet comprising the presentation metadata;

applying the presentation metadata to the technical metadata and the business metadata to generate the information catalog, said information catalog comprising the technical metadata and the business metadata in accordance with the presentation format specified by the presentation metadata; and

displaying, on an output device for an end user, a graphical interface representing the generated information catalog.

wherein the method further comprises generating a rules base of rules as templates derived from the presentation metadata in the at least one XSL stylesheet;

wherein prior to the applying step the method further comprises parsing the technical metadata and the business metadata and to form a source tree such that the source tree comprises the parsed business metadata and parsed technical metadata logically linked to each other;

wherein the applying step comprises both applying the templates of the rules base and traversing the source tree to form a result tree that includes the logically linked technical metadata and business metadata integrated with the presentation metadata;

wherein the method further comprises transforming the result tree into the information catalog such that the information catalog comprises files formatted in accordance with the presentation metadata;

wherein traversing the source tree comprises traversing the entire source tree in accordance with a recursive descent algorithm in which said traversing comprises starting at the root node of the source tree and traversing through the source tree until a leaf node is reached and then returning through the source tree to the root node;

wherein said traversing the source tree comprises ascertaining whether there is a rule in the rules base for each element in the source tree;

wherein each element having exactly one rule in the rules base, as determined from said ascertaining, is written out in accordance with said exactly one rule during said displaying;

wherein each element having no rule in the rules base, as determined from said ascertaining, is written out as text during said displaying; and

wherein for each element having more than one rule in the rules base, as determined from

said ascertaining, one or more of said more than one rule is applied to said each element in accordance with a rule hierarchical scheme for determining how said each element is displayed during said displaying.

22-23. (Canceled)

24. (Previously presented) The computer program product of claim 21 wherein the graphical interface includes a package list frame, an object list frame driven by the package list frame, and a detail frame driven by the object list frame, wherein the package list frame includes selectable applications of said computer applications and selectable associated table creators of tables relating to the technical data, wherein the object list frame is adapted to include selectable tables driven by a computer application and associated table creator selected from the package list frame, and wherein the detail frame is adapted to include table information relating to a table selected from the object list frame.

25. (Original) The computer program product of claim 21, wherein the information catalog comprises result files selected from the group consisting of Hypertext Markup Language (HTML) files, PDF files, ZIP files, and combinations thereof.

26. (Original) The computer program product of claim 21, wherein the first source comprises at least one eXtensible Markup Language (XML) file comprising the business metadata.

27. (Original) The computer program product of claim 26, wherein the XML file includes well-formed HTML code.

28. (Canceled)

29. (Original) The computer program product of claim 21, wherein the data warehouse is a relational database management system, and wherein the technical data is stored in tables of the relational database management system.

30. (Previously presented) The computer program product of claim 21, said method further comprising accessing additional technical data from the first source; and wherein said applying step comprises applying the presentation metadata to the technical metadata, the business metadata, and the additional technical metadata to generate the information catalog.

31. (Previously presented) A graphical interface of a computer system, comprising a package list frame, an object list frame driven by the package list frame, and a detail frame driven by the object list frame,

 said computer system comprising a processor and a computer readable memory unit coupled to the processor;

 said memory unit including an information catalog compiler that when executed by the processor implements a method for generating an information catalog relating to a business model;

 said graphical interface adapted to being navigated by an end user of the method;

 said method comprising generating the information catalog by applying presentation metadata to technical metadata and business metadata such that the information catalog comprises the technical metadata and the business metadata in accordance with a presentation format specified by the presentation metadata;

 said technical metadata being associated with data used by computer applications supporting business processes of the business model;

 said package list frame comprising means for selecting applications of said computer applications and associated table creators of tables relating to the technical metadata;

 said object list frame comprising means for selecting tables driven by a computer application and associated table creator selected from the package list frame;

 said detail frame comprising means for displaying table information relating to a table selected from the object list frame.

32. (Previously presented) The graphical interface of claim 31, wherein the table information is an overview of the business model.

33. (Previously presented) The graphical interface of claim 32, wherein the overview includes processes of the business processes.

34. (Previously presented) The graphical interface of claim 32, wherein the overview includes applications of the computer applications.

35. (Previously presented) The graphical interface of claim 31, wherein the package list frame, object list frame, and a detail frame are generated by execution of files of the information catalog.

36. (Original) The graphical interface of claim 35, wherein the files are selected from the group consisting of Hypertext Markup Language (HTML) files, PDF files, ZIP files, and combinations thereof.